

*AI  
Contd*

20. (New) The process of claim 2, wherein applying RF energy to the imaging object according to a fast-spin echo technique includes applying an RF pulse corresponding to the angular precession frequency for a selected plane of the imaging object.

*Am 3 Pct X*

21. (New) The process of claim 20, further comprising, after providing the imaging data, moving the imaging object and applying an RF pulse corresponding to the same angular precession frequency, to select a different plane of the imaging object.

22. (New) The process of claim 20, further comprising, after providing the imaging data, applying an RF pulse corresponding to a different angular precession frequency, to select a respective different plane of the imaging object, without moving the imaging object.

23. (New) The process of claim 11, wherein the imaging object is a human being, and the uniform polarizing magnetic field is produced by a magnetic resonance imaging system, wherein the human being stands upright within the uniform polarizing magnetic field.

24. (New) The process of claim 12, wherein the first 90-degree RF excitation pulse corresponds to the angular precession frequency for a selected plane of the imaging object.

*At  
end  
X Part*

25. (New) The process of claim 24, further comprising, after providing the imaging data, moving the imaging object and applying the first 90-degree RF excitation pulse corresponding to the same angular precession frequency, to select a different plane of the imaging object.

26. (New) The process of claim 24, further comprising, after providing the imaging data, applying the first 90-degree RF excitation pulse corresponding to a different angular precession frequency, to select a respective different plane of the imaging object, without moving the imaging object.

---